



STIC Search Report

EIC 1700

STIC Database Tracking Number: 181634

TO: Wayne Langel
Location: REM 9A29
Art Unit : 1754
March 8, 2006

Case Serial Number: 10/691434

From: Mrs. Kendra Banks
Location: EIC 1700
REMSEN 4B28
Phone: 571/272-2516
Kendra.Banks@uspto.gov

Search Notes

No Cases Reported

US 6,306,358

Access DB# 181634

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Wayne A. Langel Examiner #: 60603 Date: 3-7-06
Art Unit: 1754 Phone Number 302-1353 Serial Number: 10/691434
Mail Box and Bldg/Room Location: E09A29 Results Format Preferred (circle) PAPER DISK E-MAIL
(Renss)

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Method for Producing the Same

Title of Invention: Crystalline Turbostratic Boron Nitride Powder and A

Inventors (please provide full names): Osamu Miyagawa

Earliest Priority Filing Date: 10-23-03

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

*Please do a litigation search
for U.S. Pat. 6,306,358.*

SCIENTIFIC REFERENCE BR
Sci & Tech Inf. Ctr.

MAR REC'D

Pat. & T.M. Office

Current session 08/03/2006**Query/Command : N**

..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,69
The cost estimation below is based on Questel's
standard price list
Estimated cost : 0.78 USD
Cost estimated for the last database search : 0.78 USD
Estimated total session cost : 0.78 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
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Coverage: 75 patenting authorities; start dates vary from 1800 forward
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Now available: Citations / Search Reports for German (DE) documents
Last update of file: 2006/03/01 (YYYY/MM/DD) 2006-08/UP (last update)

Search statement 1

Query/Command : US6306358/PN**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1/1 PLUSPAT - ©QUESTEL-ORBIT

PN - US6306358 B1 20011023 [US6306358]
TI - (B1) Crystalline turbostratic boron nitride powder and method for producing same
IN - (B1) YAMAMOTO OSAMU (JP)
AP - US8901898 19980602 [1998US-0089018]
PR - US8901898 19980602 [1998US-0089018]
IC - (B1) C01B-021/064
EC - C01B-021/064T
 C04B-035/5831
ICO - M01P-002/02

M01P-002/72
M01P-002/90
M01P-004/03

PCL - ORIGINAL (O) : 423290000; CROSS-REFERENCE (X) : 428403000

DT - Basic

CT - US3607042; US4562050; US4749556; US4810479; US5169613; US5230873; JP4814559 B; JP2296706 A; JP44966 B; JP547483 B; JP753610 B; JP7172806 A

S. Kurita et al., "Pressureless Sintering of h-BN for Continuous Temperature Measurement of Melts" Shigen-Sozai-Gakkai-Shi(=J. Resources and Materials Assoc.) vol. 2 (1989) pp. 201-204.

J. Thomas, Jr., et al., "Turbostratic.sup.1. Boron Nitride, Thermal Transformation to Ordered-layer-lattice Boron Nitride" Journal of the American Chemical Society, vol. 84 (1963) pp. 4619-4622.

STG - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

AB - Turbostratic boron nitride (t-BN) powder having excellent sinterability. A mixture of boric acid anhydride and urea is charged in a reaction vessel together with alkali-borate, heated step by step in the vessel in an nonoxidizing gas atmosphere of one atmospheric pressure or above, and kept at a temperature from 850 (degree) C. to 950 (degree) C. to yield an intermediate product formal substantially of an amorphous boron nitride powder (first reaction step). Then the intermediate product is heated and kept at a temperature from 1200 (degree) C. to 1400 (degree) C. to crystallize crystalline t-BN, and the product is purified by washing with water and aqueous solution to obtain pure crystalline t-BN powder.

UP - 2001-44

1/1 LGST - ©EPO

PN - US6306358 B1 20011023 [US6306358]

AP - US8901898 19980602 [1998US-0089018]

ACT - 20040511 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031023

UP - 2004-20

1/1 CRXX - ©CLAIMS/RRX

PN - 6,306,358 A 20011023 [US6306358]

PA - Yamamoto, Osamu JP

ACT - 20031023 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040511
REISSUE REQUEST NUMBER: 10/691434
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1754

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

LGST - Time in minutes : 0,04
The cost estimation below is based on Questel's
standard price list
Estimated cost : 0.05 USD
Records displayed and billed : 1
Estimated cost : 0.68 USD
Cost estimated for the last database search : 0.73 USD
Estimated total session cost : 1.51 USD

CRXX - Time in minutes : 0,03
The cost estimation below is based on Questel's
standard price list
Estimated cost : 0.05 USD
Records displayed and billed : 1
Estimated cost : 5.80 USD
Cost estimated for the last database search : 5.85 USD
Estimated total session cost : 7.36 USD

LITA - Time in minutes : 0,01
The cost estimation below is based on Questel's
standard price list
Estimated cost : 0.02 USD
Cost estimated for the last database search : 0.02 USD
Estimated total session cost : 7.38 USD

PLUSPAT - Time in minutes : 0,38
The cost estimation below is based on Questel's
standard price list
Estimated cost : 1.07 USD
Records displayed and billed : 1
Estimated cost : 1.49 USD
Cost estimated for the last database search : 2.56 USD
Estimated total session cost : 9.94 USD

Selected file: INPADOC

INPADOC International Patent Documentation Center
Source: European Patent Office - EPIPOS
Individual publication stage records for each Patenting Authority
Coverage: 75 patent offices ; start dates vary from 1968 forward
Current through weekly update 2006-09/up ; last update 2006/03/03
IPC Classes: for searching prior to 2006, use the qualifier: /IC
For searching IPC v8 (pd>=2006), use the qualifiers: /ICAA /ICCA

Search statement 1

Query/Command : FAM US6306358/PN

1 Patent Groups

** SS 1: Results 1

Search statement 2

Query/Command : FAMSTATE NONSTOP

1/1 INPADOC - ©INPADOC

PN - US 6306358 BA 20011023 [US6306358]
TI - Crystalline turbostratic boron nitride powder and method for producing same
IN - YAMAMOTO OSAMU [JP]
PA - YAMAMOTO OSAMU [JP]
AP - US 89018/98-A 19980602 [1998US-0089018]
PR - US 89018/98-A 19980602 [1998US-0089018]
IC - C01B-021/064

1/1 LEGALI - ©EPO

PN - US6306358 B1 20011023 [US6306358]
AP - US8901898 19980602 [1998US-0089018]
ACTE - 20040511 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031023
UP - 2004-20

Search statement 2

PATNO IS 6306358

DATE: MARCH 8, 2006
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6306358

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMTS key.
To MODIFY your search request, press the M key (for MODFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6306358 , October 23, 2001 , Crystalline turbostratic boron nitride powder and method for producing same, Yamamoto, Osamu - 4-1 Oaza Daimon, Inuyama, Aichi, Japan (JP), 089018 (09)

CORE TERMS: powder, t-bn, crystalline, diffraction, peak, boron, particle, nitride, h-bn, vessel ...

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6306358

October 23, 2001

Crystalline turbostratic boron nitride powder and method for
producing same

REISSUE: October 23, 2003 - Reissue Application filed Ex. Gp.: 1754; Re. S.N.
10/691,434 (O.G. May 11, 2004)

APPL-NO: 089018 (09)

FILED-DATE: June 2, 1998

GRANTED-DATE: October 23, 2001

CORE TERMS: powder, t-bn, crystalline, diffraction, peak, boron, particle,
nitride, h-bn, vessel ...

6306358 OR 6,306,358

Your search request has found no ITEMS.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

6306358 OR 6,306,358

Your search request has found no CASES.

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For further explanation, press the H key (for HELP) and then the ENTER key.

LexisNexis CourtLink

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Patent Search - Number: 6306358

No cases found.



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